

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D401/14 C07D401/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 040 320 A (WACHTER MICHAEL P ET AL) 21 March 2000 (2000-03-21) column 2, line 36 -column 4, line 30; example 1 example 78; table A	1-14
X	WO 2000 017192 A (MERCKLE G.M.B.H., GERMANY) 30 March 2000 (2000-03-30) cited in the application page 5, paragraphs 2-4	1-14
X	EP 0 004 648 A (CIBA GEIGY AG) 17 October 1979 (1979-10-17) cited in the application page 1 -page 2, paragraph 2 page 5, paragraph 2	1-14

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

24 November 2003

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12/12/2003

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/09219

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	LAUFER, STEFAN ET AL: "Ones, thiones, and N-oxides: An exercise in imidazole chemistry" ANGEWANDTE CHEMIE, INTERNATIONAL EDITION (2002), 41(13), 2290-2293 , XP002261426 page 2291, column 1, line 2 - line 3; figure 1	1-14
Y	LIVERTON, N.J.; ET AL.: J. MED. CHEM., vol. 42, 1999, pages 2180-2190, XP002261427 cited in the application page 2180, column 2, paragraph 2 page 2181; example 48; table 1 page 2183; figure 6; examples 45,46	1-14
Y	BOEHM, J.C.; ET AL.: J. MED. CGEM., vol. 39, 1996, pages 3929-3937, XP002261428 cited in the application page 3932; examples 44,45; table 2	1-14
Y	WO 93 14081 A (SMITHKLINE BEECHAM CORP) 22 July 1993 (1993-07-22) cited in the application page 9, line 32 - line 34 page 10, line 13 - line 14	1-14
P,Y	WO 2002 066458 A (MERCKLE G.M.B.H., GERMANY) 29 August 2002 (2002-08-29) page 26; table 2	1-14
P,Y	DE 101 14 775 A (DANNHARDT GERHARD) 10 October 2002 (2002-10-10) the whole document	1-14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP 03/09219

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6040320	A	21-03-2000	AU 8757098 A	10-02-1999
			EP 0994858 A1	26-04-2000
			JP 2002515915 T	28-05-2002
			WO 9903837 A1	28-01-1999
WO 2000017192	A	30-03-2000	DE 19842833 A1	30-03-2000
			AU 6085699 A	10-04-2000
			CA 2344411 A1	30-03-2000
			WO 0017192 A1	30-03-2000
			EP 1112265 A1	04-07-2001
			JP 2002526494 T	20-08-2002
			US 6432988 B1	13-08-2002
EP 0004648	A	17-10-1979	AT 373250 B	27-12-1983
			AT 15483 A	15-05-1983
			AT 375935 B	25-09-1984
			AT 243783 A	15-02-1984
			AT 376971 B	25-01-1985
			AT 266179 A	15-06-1984
			AU 532402 B2	29-09-1983
			AU 4599479 A	18-10-1979
			CS 220324 B2	25-03-1983
			CS 220332 B2	25-03-1983
			CS 220335 B2	25-03-1983
			CY 1302 A	06-12-1985
			DD 142712 A5	09-07-1980
			DE 2963572 D1	21-10-1982
			DK 148879 A	12-10-1979
			EP 0004648 A2	17-10-1979
			ES 8303355 A1	01-05-1983
			ES 8403877 A1	01-07-1984
			ES 8504737 A1	16-07-1985
			ES 8504738 A1	16-07-1985
			ES 8505352 A1	01-09-1985
			FI 791158 A ,B,	12-10-1979
			GR 71193 A1	11-04-1983
			HK 87285 A	15-11-1985
			HU 182018 B	28-12-1983
			IE 48738 B1	01-05-1985
			IL 57040 A	31-08-1984
			JP 54135769 A	22-10-1979
			JP 63039594 B	05-08-1988
			KR 8202314 A	17-12-1982
			KR 8202315 A	17-12-1982
			MY 27186 A	31-12-1986
			NO 791228 A ,B,	12-10-1979
			NZ 190153 A	15-05-1981
			PL 214745 A1	16-06-1980
			PL 125882 B1	30-06-1983
			PT 69460 A	01-05-1979
			SU 1259962 A1	23-09-1986
			SU 991945 A3	23-01-1983
			US 4461770 A	24-07-1984
			US 4584310 A	22-04-1986
			US 4608382 A	26-08-1986
			ZA 7901702 A	30-04-1980
WO 9314081	A	22-07-1993	AU 3592393 A	03-08-1993

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/09219

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9314081 A		BG 98902 A	30-06-1995
		BR 9305809 A	18-02-1997
		CA 2127876 A1	22-07-1993
		CA 2314425 A1	22-07-1993
		CA 2351694 A1	22-07-1993
		CA 2368862 A1	22-07-1993
		CN 1083473 A	09-03-1994
		CZ 9401688 A3	18-01-1995
		EP 0623126 A1	09-11-1994
		EP 0943616 A1	22-09-1999
		ES 2053401 A1	16-07-1994
		FI 943319 A	12-09-1994
		HU 69714 A2	28-09-1995
		JP 3298641 B2	02-07-2002
		JP 7503017 T	30-03-1995
		JP 2002097189 A	02-04-2002
		MX 9300141 A1	29-07-1994
		NO 942618 A	30-08-1994
		NZ 249301 A	25-06-1996
		OA 9963 A	11-12-1995
		SK 83594 A3	08-03-1995
		WO 9314081 A1	22-07-1993
		US 5686455 A	11-11-1997
		US 6268370 B1	31-07-2001
		US 5916891 A	29-06-1999
		US 2003064997 A1	03-04-2003
		ZA 9300213 A	18-11-1993
WO 2002066458 A	29-08-2002	DE 10107683 A1	29-08-2002
		WO 02066458 A2	29-08-2002
		EP 1362045 A2	19-11-2003
DE 10114775 A	10-10-2002	DE 10114775 A1	10-10-2002
		WO 02076951 A1	03-10-2002